State	Proj. No.	Sheet No.
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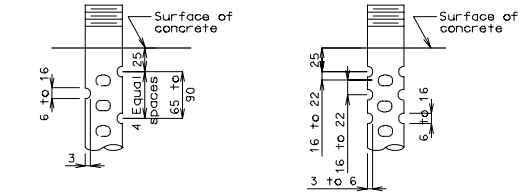
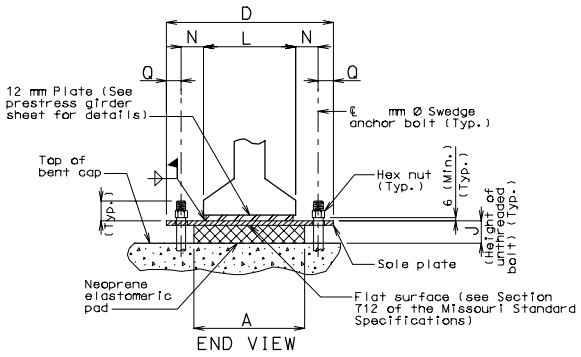


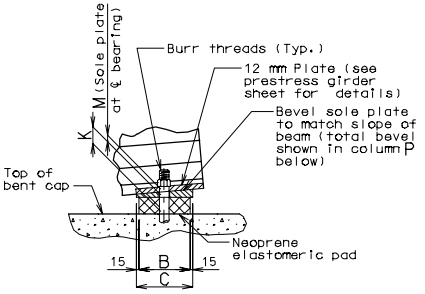
DETAIL FOR 19.0 mm Ø THRU 63.5 mm Ø ANCHOR BOLTS

OPTIONAL DETAIL FOR 34.9 mm Ø THRU 63.5 mm Ø ANCHOR BOLTS

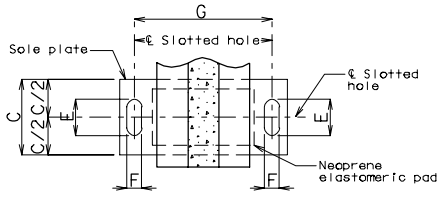
SWEDGE ANCHOR BOLT DETAILS



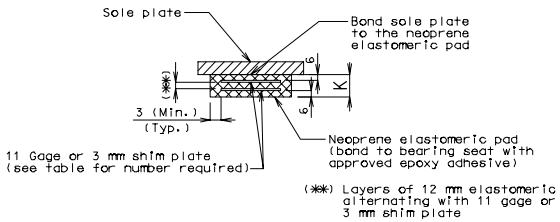
END VIEW



SIDE VIEW



PART PLAN VIEW



NEOPRENE ELASTOMERIC PAD

GENERAL NOTES:

Anchor bolts shall be mm Ø ASTM A709M Grade 345W steel swedged bolts and shall extend mm into the concrete with ASTM A194M – 2, 2H or ASTM A563 – C, C3, D, DH, DH3 heavy hexagon nuts. Actual manufacturer's certified mill test reports (chemical and mechanical) shall be provided. Swedging shall be 25 mm less than extension into the concrete.

All structural steel for the anchor bolts and heavy hexagon nuts shall be coated with a minimum of two coats of inorganic zinc primer (125 micrometers minimum thickness).

Neoprene Elastomeric Pads shall be Durometer. The neoprene pad shall be bonded to the bearing seat with an epoxy adhesive as approved by the bearing manufacturer for bonding neoprene to concrete.

The sole plate shall be furnished with the bearing and field welded to the girders.

Structural steel for sole plate shall be ASTM A709M Grade 250 and shall be coated with a minimum of two coats of inorganic zinc primer (125 micrometers minimum thickness).

The accepted quantity of elastomeric bearing assemblies, complete-in-place, will be paid for at the contract unit price for Laminated Neoprene Bearing Pads (Prestress Structures), each.

Payment for the sole plate, anchor bolts and heavy hexagon nuts shall be included in the cost of the bearing assembly. See Special Provisions.

EXPANSION BEARINGS															
BENT NO.	A	B	C	D	E	F	G	J	K	L	M	N	P	Q	NUMBER OF SHIM PLATES(*)	NUMBER REQUIRED
(*) The required shim plate shall be placed between layers of elastomeric and molded together to form an integral unit.															TOTAL BEARINGS	

CREATED IN MICROSTATION

DETAILS OF LAMINATED NEOPRENE BEARINGS (PRESTRESS STRUCTURES)

Detailed
Checked

Sheet No. of

COUNTY BRG 9M